

## COMMAND DESCRIPTION SCHEME PROVIDING FOR DYNAMIC UPDATE OF INSTANCE DOCUMENTS AND THEIR ASSOCIATED SCHEMA

### ABSTRACT

5           The present invention provides a method and system for dynamically  
updating descriptions of AV content, such as MPEG-7 content descriptions. One  
embodiment provides for a method in which first a server issues a command  
indicating the type of update to make to the description on a client computer.  
Specifically, the update may be to add, delete, or change a node in a tree or graph  
10 structure describing the AV content. For example, the command may specify an  
update to an instance document or its associated schema. The server also  
specifies the location in the description to perform the update, which may be at an  
absolute or relative address. Next, the server sends the data, if any, to be added  
or used for the change. Embodiments also provide for steps to check that the  
15 update is authorized.